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Day: Tuesday Date: 2/22/2005

Time: 09:57:41

# **Continuity Information for 09/390634**

Parent Data 09390634 is a division of 08781772

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## **Inventor Information for 09/390634**

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### **Application Number Information**

Application Number: 09/028514

**Assignments** 

Filing or 371(c) Date: 02/23/1998

Effective Date: 02/23/1998

Application Received: 02/23/1998

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 0942.4110002

Status: 61 /FINAL REJECTION MAILED

Confirmation Number: 4800

Examiner Number: 70276 / WARE, DEBBIE

Group Art Unit: 1651

Class/Subclass:

435/384.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Desc.

Secrecy Order: NO

Mail Final Rej.

Waiting for Response

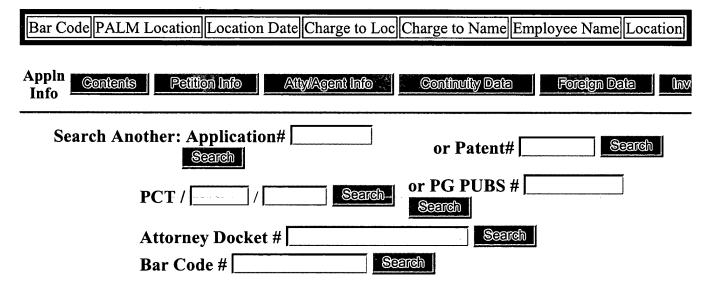
**IFW IMAGE** 

Status Date: 12/14/2004

Oral Hearing: NO

Title of Invention: SERUM-FREE MAMMALIAN CELL CULTURE MEDIUM, AND USES

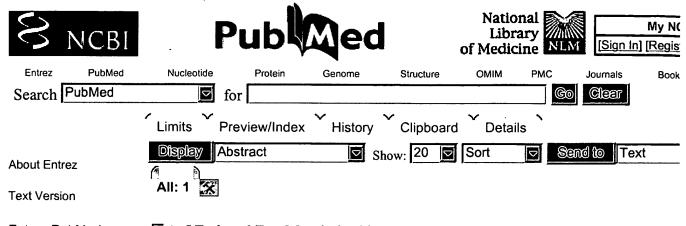
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L2	2	"6800480".pn. and serum	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/02/22 10:09
L3	36228	(es or embryonic) and serum	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/02/22 10:10
L4	9090	(es or embryonic) and ((serum adj1 free) or (serum-free) or (serum adj1 without))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/02/22 10:10
L5	8913	(es or embryonic) and ((media or medium) with (serum adj1 free) or (serum adj1 without))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/02/22 10:12



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Related Articles, Li

The in vitro development of blastocyst-derived embryonic stem cell lines: formation of visceral yolk sac, blood islands and myocardium.

#### Doetschman TC, Eistetter H, Katz M, Schmidt W, Kemler R.

The in vitro developmental potential of mouse blastocyst-derived embryonic stem cell lines has been investigated. From 3 to 8 days of suspension culture the cells form complex embryoid bodies with endoderm, basal lamina, mesoderm and ectoderm. Many are morphologically similar to embryos of th 6- to 8-day egg-cylinder stage. From 8 to 10 days of culture about half of the embryoid bodies expand into large cystic structures containing alphafoetoprotein and transferrin, thus being analagous to the visceral yolk so of the postimplantation embryo. Approximately one third of the cystic embryoid bodies develop myocardium and when cultured in the presence of human cord serum, 30% develop blood islands, thereby exhibiting a high lev of organized development at a very high frequency. Furthermore, most embryonic stem cell lines observed exhibit similar characteristics. The in vitr developmental potential of embryonic stem cell lines and the consistency wit which the cells express this potential are presented as aspects which open up new approaches to the investigation of embryogenesis.

PMID: 3897439 [PubMed - indexed for MEDLINE]

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